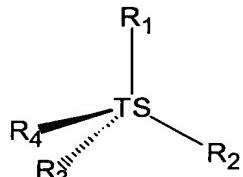


AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims

1 (Previously presented) A tetrahedral compound having formula (I),



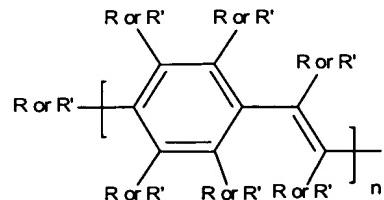
(I)

wherein TS is a tetrahedral junction unit selected from the group consisting of tetraphenylsilane, an sp³ hybridized silicon atom, tetraphenyladamantane, adamantane and cubane; and R₁, R₂, R₃ and R₄ are optoelectronic arms, wherein each optoelectronic arm is a linear oligomer, polymer or copolymer.

2 (Previously presented) The tetrahedral compound of claim 1 wherein each optoelectronic arm is a semiconducting oligomer, polymer or copolymer.

3 (Original) The tetrahedral compound of claim 1, each optoelectronic arm comprising a stilbenoid chromophore.

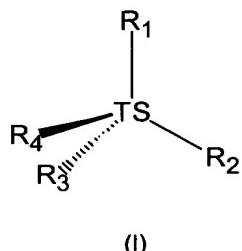
4 (Currently amended) The tetrahedral compound of claim 1 wherein R₁, R₂, R₃ and R₄ are optoelectronic arms corresponding to general formula II:



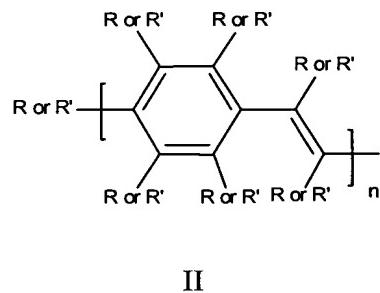
wherein R is hydrogen; R' is alkoxy alkoxy, alkyl, aryl, aryloxy, cyano, halide or amino; and n is an integer from 2 to 100.

5 – 10 (Canceled)

11 (Previously presented) A tetrahedral compound having formula (I),



wherein TS is a tetrahedral junction unit selected from the group consisting of tetraphenylsilane, an sp^3 hybridized silicon atom, tetraphenyladamantane, adamantane and cubane; and R_1 , R_2 , R_3 and R_4 are each optoelectronic arms corresponding to general formula II:



wherein R is hydrogen; R' is alkoxy, alkyl, aryl, aryloxy, cyano, halide, or amino; and n is an integer from 2 to 100.

12 (Canceled)

13 (Original) A composition comprising a tetrahedral compound according to claim 1.

14 (Original) A composition according to claim 13 further comprising an electron or hole transport agent.

15 – 21 (Canceled)

22 (Original) A thin-film electronic device comprising the tetrahedral compound of claim 1.

23 (Original) A thin film electronic device comprising the composition of claim 14.

24 (Original) The device of Claim 22 comprising at least two layers selected from the group consisting of an electroluminescent layer, an electron transport layer, and a hole transport layer, wherein at least one of said electroluminescent layer, said electron transport layer, or said hole transport layer comprises the tetrahedral compound.

25 (Canceled)